safeguardEMS.com

SafeGuard TRANSPORT™

Westfield, IN 46074-0408

Made in U.S.A.

SafeGuard Customer Service: 1.800.985.3974

El Servicio de cliente se hablan Español.

Para instrucciónes en Español llama.

©2007 IMMI All rights reserved. 2697P 10/07 PN911638 Rev1

SafeGuard TRANSPORT™

Cot-Mounted Pediatric Restraint

Instruction Manual

For transporting children
22 - 100 lbs. (10 - 45 kg)
And over 1 year of age

PATENT PENDING

Do NOT use with potential spinal cord injuries.

Table Of Contents

Page

General Information 1
Registration 1
General Warnings 2
Product Specifications 2
Product Features 3
Bloodborne Disease Notice 4
Technician Skills and Training 4
Installation to Ambulance Cot
- Preparing for Use 5
- Attachment to Cot 5
- Cot Backrest Postitioning 7

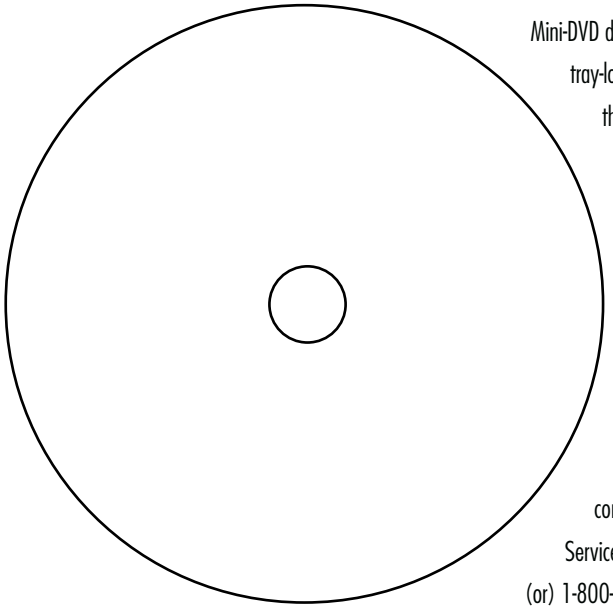
Securing Child in Restraint 8
Removal of Child 10
Proper Use Checklist 10
Cleaning 11
Inspection 11
Additional Information 11
Replacement Parts 12
Crash Exchange Program 12
Warranty 13

⚠ WARNING

Failure to properly use this pediatric restraint can result in serious injury or death.

Please read and follow all Transport Restraint and the cot manufacturer's instructions carefully.

Store this manual in the sealed pouch under the Transport Restraint pad for future reference.
See page 11.



Mini-DVD discs are compatible in standard tray-loading DVD players. Do not use this DVD in a "slot-drive" DVD player. Consult your DVD player manual for specific compatibility.

If you do not have access to a tray-loading DVD player, standard-size DVD and video cassette instructions are also available free of charge by contacting SafeGuard Customer Service at www.safeguardEMS.com (or) 1-800-985-3974.

General Information

Congratulations on your purchase of a SafeGuard Transport® Restraint, the most advanced pediatric ambulance restraint available on the market.

The SafeGuard team truly cares about child passenger safety and is committed to providing innovative restraints that offer the utmost in safety and ease of use. While no restraint can prevent injury in every situation, proper installation and use of a restraint can substantially reduce a child's risk of serious injury or death.

It is critical to read and understand these instructions and the cot manufacturer's instructions BEFORE using this restraint. Failure to properly use this restraint may result in serious injury or death of the child. If you have any questions after reviewing the instructions, please contact us at:

SafeGuard Customer Service: www.safeguardEMS.com (or) 1-800-985-3974.

Disclaimer:

This instruction manual contains general information, warnings and instructions about installation, and the use and care of the product, but is not all inclusive. Safe practices for the patient being transported and proper use of the Transport Restraint is the responsibility of the user. **It is the responsibility of trained medical personnel to assess the child's medical condition and determine if the Transport Restraint can be used to transport the patient.**

Technicians must be properly trained before using this product.

The instruction manual must be stored in the designated storage pocket on the product to be available for future reference and use. Free copies of the manual are available on line at www.safeguard.EMS.com or upon request.

Registration Information

Please fill out the prepaid registration card attached to the restraint and mail it today (or) register online at the website listed below.

Restraints could be recalled for safety reasons. You must register this restraint to be reached in a recall. Send your name, address, and the restraint's model number, manufacturing date, and serial number to IMMI, 18881 U.S. 31 North, Westfield, IN 46074 (or) call 1-800-985-3974 (or) register online at www.safeguardEMS.com/register.

For future reference, fill in the information below. The information can be found on the label under the pad of the restraint.

Model Number: _____

Serial Number: _____

Manufactured In: _____

General Warnings

⚠ WARNING

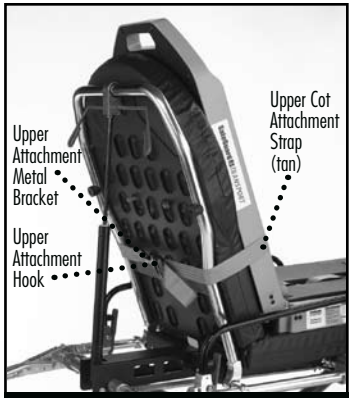
FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH. PLEASE READ AND FOLLOW ALL PEDIATRIC RESTRAINT AND COT MANUFACTURER'S INSTRUCTIONS CAREFULLY.

- It is the responsibility of the user to ensure safe practices for the patient being transported.
- Use only for the rear-facing transportation of children 22 - 100 lbs. (10 - 45 kg) and over 1 year of age in conjunction with a properly secured ambulance cot.
- Do NOT use with potential spinal cord injuries.
- Only allow trained operators to install and/or use this restraint. Only qualified emergency medical technicians can determine the proper equipment for use based on the patient's condition.
- Follow all instructions on the Transport Restraint and in this manual.
- For children under 40 pounds, cot backrest must not be lower than 45 degrees. (See page 7 for detailed information).
- ALWAYS secure and tighten all three cot attachment straps.
- Snugly adjust the harness provided with this restraint around the child. An improperly adjusted harness may not sufficiently restrain the child in a crash resulting in serious injury or death.
- NEVER leave a child unattended in this restraint.
- NEVER use this restraint if it has damaged or missing parts. Do not use a cut, frayed or damaged harness or attachment strap.
- Replace the entire restraint if it was in use during a crash.
- Replace entire restraint after 5 years of service. Date of manufacture is located under pad.
- Do not transport patient in a prone position (lying on stomach).
- Do not modify this restraint or use any accessories or parts supplied by other manufacturers.
- Do not use bleach to clean this restraint.
- Do not immerse entire restraint in water. (See page 11 for detailed information.)
- NEVER lubricate buckle or adjusters.
- Do NOT use with stair chair or other chair cots.
- Use only SafeGuard replacement parts.

Product Specifications

- For use with children 22 - 100 pounds (10 - 45 kg) and over 1 year of age
- Product Weight 20 lbs.
- Folded Dimensions: 29.5"h x17"w x 6.5"d
- Color coded labels and straps, for ease of installation and use.
- Instructional DVD included.
- Replacement parts available. See page 12.

Transport Restraint Features



Rear View on Ambulance Cot

Front View on Ambulance Cot

Bloodborne Disease Notice

Precautions must be taken to reduce the risk of exposure to bloodborne diseases such as HIV-1 and hepatitis during the use of the Transport Restraint.

See page 11 for instructions for disinfecting and cleaning the product.

Technician Skills and Training

⚠WARNING

FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH.

Only allow trained operators to install and/or use this restraint. Only qualified emergency medical technicians can determine the proper equipment for use based on the patient's condition.

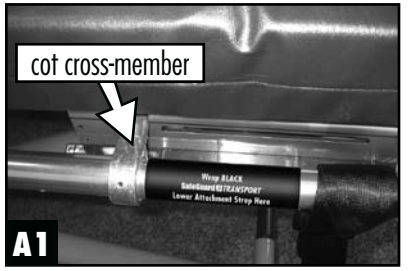
- Technicians must have the ability to assess the medical condition of the patient before transporting.
- Technician must be trained in and adhere to all instructions, including cot backrest postitioning (see page 7).

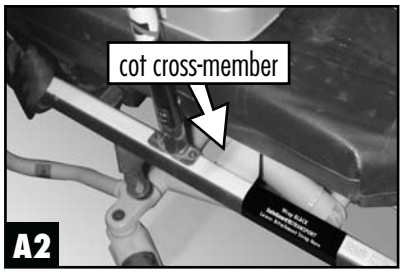
Installation to Ambulance Cot

Preparing Transport Restraint for Use

Two black cot labels have been provided for use as an installation aid, if desired. The labels are used to indicate the proper attachment location for the lower attachment straps of the Transport Restraint.

1. Apply the black cot label to the ambulance cot side rail **directly REAR of a cot cross-member** as shown. A1 & A2
2. Repeat the above step on the opposite side of the cot for the second label.





Attachment to Ambulance Cot

3. Elevate the cot backrest to the fully upright position.
4. Position Transport Restraint on ambulance cot:
   - Detach the two lower attachment hooks from the back of the Transport Restraint and unthread the black lower attachment straps from the carry handle. B
   - Unfold the Transport Restraint on the ambulance cot with the carry handle positioned at the top of the cot. Position the Transport Restraint flat against the cot mattress with the hinge point of the restraint aligned with the hinge point of the cot. C

Note: All unused ambulance cot restraints should be secured to avoid becoming a projectile in a crash.

5. Secure TAN upper cot attachments:

- Position the TAN straps around the back of the cot backrest.
- Push button on upper attachment hook and pull strap to lengthen the TAN upper attachment strap, if needed.
- Attach hook to metal bracket on TAN strap. D
- Pull free end of TAN strap to tightly secure the restraint to the cot. E Be sure the strap is not twisted and the upper attachment hook is securely fastened.

D

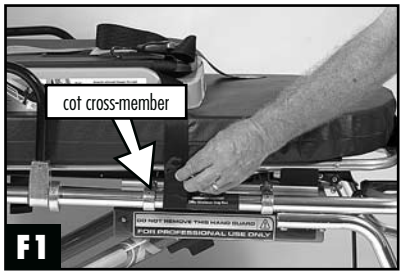
E

6. Secure BLACK lower cot attachments:

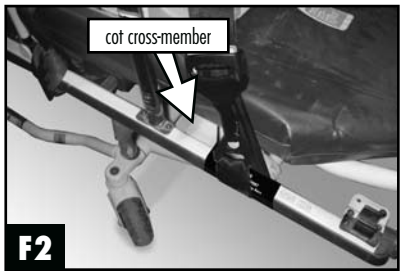
- Position first BLACK strap around the cot side rail **directly REAR of cot cross-member** as shown. Two typical cot cross-member locations are shown. F1 & F2

Note: Black cot labels may be used as an installation aid to indicate the proper attachment location for the lower attachment straps of the Transport Restraint (see Preparing Transport Restraint for Use, page 5)

- Push button on lower attachment hook and pull strap to lengthen the BLACK lower attachment strap, if needed.
- Attach hook to metal bracket on first BLACK strap. G
- Pull free end of second BLACK strap to tightly secure the restraint to the cot. H Be sure the straps are not twisted and the lower attachment hook is properly positioned and securely fastened.
- Repeat above steps on the opposite side of the cot for the second lower attachment.

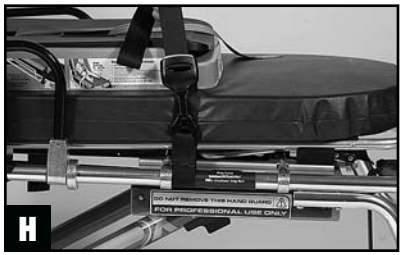


F1



F2

G


H

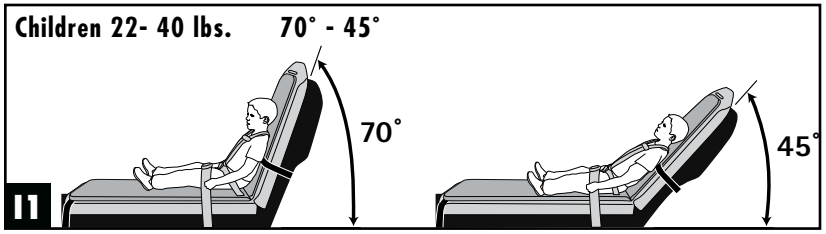
Cot Backrest Positioning

7. Adjust cot backrest to desired position. I1 & I2

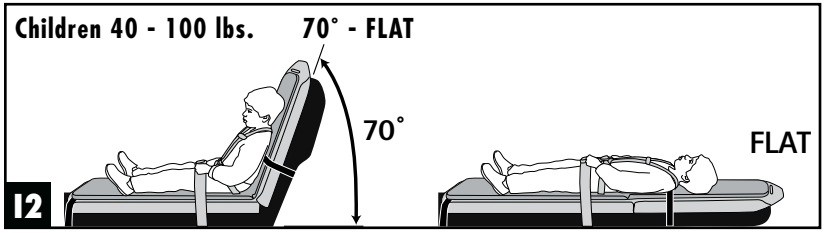
⚠ WARNING

FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH.

For children under 40 pounds, cot backrest must not be lower than 45 degrees.



I1



I2

8. Check for a secure installation:

- Grasp the Transport Restraint on each side as illustrated. J Pull forward and side-to-side on the restraint.
- The installation is secure if the restraint does not move more than one inch in any direction.
- If the restraint does not remain securely attached, repeat steps 3-8.
- Check for a secure installation before every use of the restraint.

J

Securing Child in Transport Restraint

⚠ WARNING

FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH.

- Do NOT use with potential spinal cord injuries.
- Use only for the rear-facing transportation of children 22-100 pounds (10-45 kg) and over one year of age in conjunction with a properly secured ambulance cot.
- For children under 40 pounds, cot backrest must not be lower than 45 degrees.
- Do NOT transport the child in a prone position (lying on stomach).
- Child's ears must be below the top of the Transport Restraint pad.

1. Prepare the harness:

- Lift harness release lever and pull on shoulder straps to loosen harness. **A**
- Open chest clip by squeezing middle tabs and pulling apart.
- Unbuckle harness buckle by pressing down on red release button.

2. Place child in Transport Restraint:

- Place child on restraint with child's back flat against the back of the restraint.
- Position harness shoulder straps over child's shoulders. **B**
- Be sure any twists are removed from the harness straps.

3. Buckle harness:

- Insert buckle tongues into harness buckle. Listen for an audible click when each buckle tongue is fastened. **C**
- Check buckle connection is secure by pulling on shoulder straps.
- Adjust buckle height to top of child's legs. **D**
  - To lengthen buckle strap, lift buckle strap release lever and pull up on buckle.
  - To shorten buckle strap, pull free end of buckle adjustment strap until buckle is positioned at the top of the child's legs.

4. Tighten harness:

- Pull harness adjustment strap to tighten harness securely around child's shoulders and hips. **E**
- Be sure harness shoulder straps are positioned at or just below child's shoulder. **F**
- A snug strap should not allow any slack. It lies in a relatively straight line without sagging. It does not press on the child's flesh or push the child's body into an unnatural position.
- Be sure the harness is snug and tight on both the thighs and chest before each use. **G**

5. Fasten harness chest clip: **H**

- Fasten chest clip by pushing both sides together.
- Position chest clip at the middle of the child's chest, at armpit level.

6. Fasten cot restraint:

- Fasten cot restraint and position over child's thighs. **I**

Removal of Child from Transport Restraint

1. Open chest clip by squeezing middle tabs and pulling apart.

2. Unbuckle harness buckle by pressing down on red release button. **A**

3. Lift harness release lever and pull on shoulder straps to loosen harness. **B**

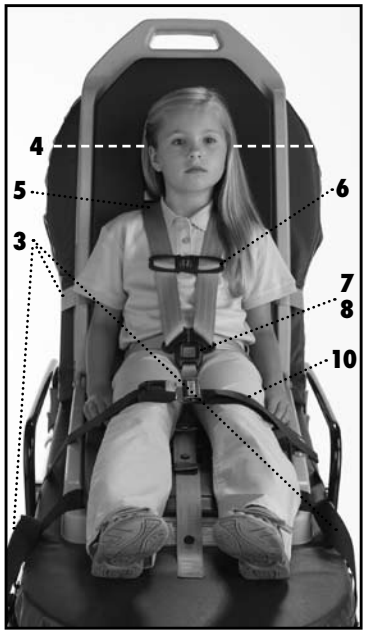
4. Remove harness straps from child's shoulders and remove child from restraint.

5. Rebuckle harness to prevent twisting of the straps.

Checklist for Proper Use

Read complete instructions prior to using the Transport Restraint!

- ❑ **1** Child weighs 22-100 pounds (10-45 kg) and is over 1 year of age.
- ❑ **2** For children under 40 pounds, cot backrest is NOT lower than 45 degrees.
- ❑ **3** Transport Restraint is securely attached to ambulance cot **with lower attachment straps REAR of cot cross-member.**
- ❑ **4** Top of child's ears are below top of pad.
- ❑ **5** Harness shoulder straps are at or just below child's shoulders.
- ❑ **6** Chest clip is securely fastened and adjusted to armpit level.
- ❑ **7** Harness buckle is adjusted to top of child's legs.
- ❑ **8** Harness buckle connection is secure.
- ❑ **9** Harness is snug and tight on child's thighs and chest.
- ❑ **10** Ambulance cot restraint is securely fastened and positioned over child's thighs.



Questions? Please contact SafeGuard Customer Service: www.safeguardEMS.com or 1-800-985-3974.

Cleaning Instructions

- Warm soapy water may be used to clean base, pad, and webbing.
- Only water may be used to clean buckles, adjusters, and attachment straps.

⚠ WARNING

FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH.

- Do not immerse entire restraint in water.
- Do not use cleaners containing bleach.
- Do not immerse or lubricate buckles, adjusters, or attachment hardware.

Disinfecting

1. Clean Transport Restraint, including webbing, adjusters, buckles and pad with disinfectant per disinfectant manufacturer's instructions.
2. Remove excess disinfectant using clean dry cloth.
3. After disinfecting, buckles and webbing may be sprayed with warm water to rinse.
4. Allow Transport Restraint to air dry.

Inspection

The restraint should be inspected regularly for conditions which may require service or replacement of the product or component parts.

1. The web, buckle, adjusters, attachment hardware, pad and labels must all be present.
2. The webbing and pad must be free of excessive wear and tears.
3. The buckle, adjusters, and attachment harware must be free of visual damage and operate properly. The buckle should fasten with an audible "click".
4. The stitching must be intact and not frayed.

Promptly replace damaged or worn components. See page 12 for replacement parts.

Additional Information

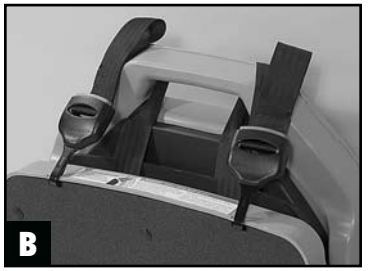
Instructions Storage

After carefully reading and following these instructions, store the instruction manual in its storage location under the pad, in the zippered plastic sleeve. **A**

Storing the Restraint

1. Buckle harness.
2. Place tan attachment straps on cushion.
3. Fold restraint.
4. Thread black attachment straps through handle and back around. Attach hooks at back panel openings. **B**

Securely store the Transport Restraint when not in use, preferably within an ambulance storage compartment. Do not place heavy objects on top Transport Restraint.

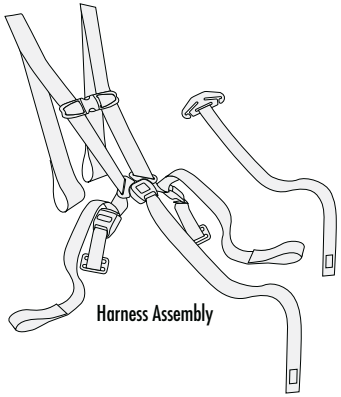


Replacement Parts

Replacement parts may be ordered online at www.safeguardEMS.com or by contacting SafeGuard Customer Service at 1-800-985-3974. The product model number and date of manufacture are required to order replacement parts. This information can be found on the label under the pad of the child restraint. Use SafeGuard replacement parts only. The following replacement parts are available.

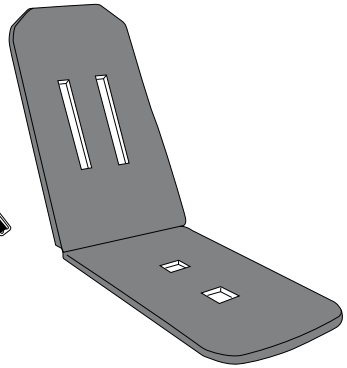
Instruction Manual with DVD
(free replacement)
Also at www.safeguard.EMS.com.

Service Manual
Also at www.safeguard.EMS.com.

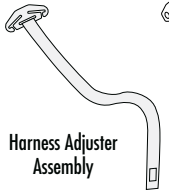


Harness Assembly

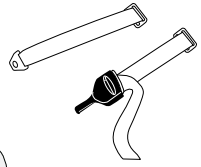
2 Cot Labels



Pad



Harness Adjuster Assembly



Upper Cot Attachment Strap (tan)

2 Lower Cot Attachment Straps (black)

Crash Exchange Program

If your SafeGuard Transport Restraint was involved in a vehicle crash, please contact SafeGuard customer service at 1-800-985-3974 or go to www.safeguardEMS.com/exchangeprogram to see if you qualify for a new restraint under our Crash Exchange Program.

Warranty

TRANSPORT RESTRAINT LIMITED WARRANTY

Indiana Mills & Manufacturing, Inc. (IMMI) provides the following limited warranty on its SafeGuard Transport Restraint. Completing and mailing the owner registration card within thirty (30) days of purchase will expedite the processing of any future warranty claim.

LIMITED WARRANTY

IMMI warrants that the SafeGuard Transport Restraint's hardware components (buckles, adjusters, etc.) and the pad will be free from defects in material and workmanship for one (1) year from the date of purchase. The exclusive remedy of this warranty shall be replacement of the SafeGuard Transport Restraint. IMMI reserves the right to discontinue or change parts, fabrics, models, or products, or to substitute with a comparable model or product. IMMI will ship replacement product to you without charge.

WARRANTY LIMITATIONS

This warranty shall not apply to damages resulting from normal wear and tear, product misuse, misapplication, neglect (including but not limited to improper storage), modification, accident, improper installation or use not in accordance with product instructions.

LIMITATIONS OF WARRANTIES AND DAMAGES

THE WARRANTY AND REMEDIES AS SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. IN NO EVENT WILL IMMI BE LIABLE FOR ANY DAMAGES, INCLUDING INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING OUT OF THE USE OR INABILITY TO USE THE SAFEGUARD TRANSPORT RESTRAINT. IT IS EXPRESSLY AGREED THAT THE LIABILITY OF IMMI FOR ANY DAMAGES ARISING OUT OF OR RELATED TO THIS TRANSACTION, OR THE USE OF IMMI'S PRODUCTS, WHETHER IN CONTRACT OR IN TORT, IS LIMITED TO THE REPLACEMENT OF THE SAFEGUARD TRANSPORT RESTRAINT BY IMMI.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, IMMI MAKES NO WARRANTIES; EITHER EXPRESS (EXCEPT AS PROVIDED HEREIN) OR IMPLIED, AND EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow exclusion of implied warranties, limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. IMMI does not authorize any person to create for it any other warranty, obligation, or liability in connection with the SafeGuard Transport Restraint.

MAKING A CLAIM UNDER THIS LIMITED WARRANTY

All warranty claims and product returns must be made within the warranty period and must be submitted to IMMI within ten (10) days of discovery of the alleged defect or other problem, or the claim shall be deemed waived. To make a claim under this warranty, please contact the SafeGuard Help Desk at 1-800-985-3974.

A SafeGuard representative will qualify your claim and upon confirmation will issue you a warranty identification number. Upon receiving this number, please ship the SafeGuard Transport Restraint, clearly marked with the warranty identification number, to IMMI at the following address for inspection and evaluation:

IMMI Warranty • 18881 US 31 North
Westfield, IN 4607

You have two options to consider:

Option A) A replacement SafeGuard Transport Restraint can be immediately sent to you. Your credit card will be charged for the replacement at a discounted price, plus freight. IMMI representatives will inspect and evaluate the returned SafeGuard Transport Restraint within 14 days of receipt. Upon confirmation of warranty claim, your credit card will be credited for the amount previously charged for the replacement.

If the warranty claim is denied and the product is safe to use, the restraint will be returned. You will not be able to return the replacement restraint previously sent. If the warranty claim is denied and the restraint is unsafe to use, it will not be returned. You will not be able to return the replacement restraint previously sent.

Option B) You may request that we do not ship a replacement restraint until you receive confirmation that warranty claim will be approved. IMMI representatives will inspect and evaluate the returned SafeGuard Transport Restraint within 14 days of receipt. If the warranty claim is denied and the restraint is safe to use, the restraint will be returned. If the warranty claim is denied and the product is unsafe to use, it will not be returned. You may purchase a new SafeGuard Transport Restraint at a discounted price, plus freight.

If thirty (30) days have elapsed after the receipt of warranty claim and we have not received the SafeGuard Transport Restraint, the claim will be denied on the basis of non-receipt of the product in question and no refund will be given for the charge of the replacement.

PARTS INSPECTION

Products supplied by IMMI are certified to applicable federal standards and must have every part returned to IMMI for inspection. Each SafeGuard Transport Restraint must be clearly marked with the warranty identification number so that it can be matched up with the specific warranty claim involved.

REPLACEMENT POLICY

There are absolutely no provisions for field repairs or replacement(s) of SafeGuard Transport Restraint's components. (Replacement parts and instruction booklets may be purchased at www.safeguardEMS.com.) The complete SafeGuard Transport Restraint must be returned to IMMI for evaluation, and a complete SafeGuard Transport Restraint will be sent as a replacement.